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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ATTY. DOCKET NO. 71493-1227 (RAB:rld)

In re Patent Application of Wen Tong, et al

Serial No. 10/792,127 Group Art Unit: 2681

Filed: March 4, 2004 Examiner:

For: COMMUNICATION CHANNEL OPTIMIZATION SYSTEMS AND METHODS IN MULTI-USER COMMUNICATION SYSTEMS

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed in the manner prescribed by 37 CFR 1.97(b) - (d) to satisfy the duty under 37 CFR 1.56 to disclose to the Office information, known to individuals associated with the filing and prosecution of the subject application, which is material to the examination of the application.

In accordance with 37 CFR 1.97(g) and (h), this statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 CFR 1.56(b).

This Information Disclosure Statement is being filed within three months of the filing date of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first official action on the merits and therefore applicant respectfully requests consideration under 37 CFR 1.97(b).

In accordance with 37 CFR 1.97(e), I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

In compliance with 37 CFR 1.98(a)(2), also enclosed is a legible copy of:

i) each foreign patent;

ii) each publication or that portion which caused it to be listed; and

iii) all other information or that portion which caused it to be listed, excluding any copies of a United States patent application.

In compliance with 37 CFR 1.98(a)(1), a list of all patents, publications, applications or other information submitted for consideration by the Office is hereby provided by way of the attached Form PTO-1449.

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

The Patent Office is hereby authorized to charge any deficiency, or credit any overpayment in fees to Deposit Account Number 19-2550.

Respectfully submitted,

WEN TONG, ET AL

Dated: April 25, 2005

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Encls.: Form PTO-1449
All references listed on Form PTO-1449
PCT Search Report
Acknowledgement Card

Form PTO-1449 (Modified)	Atty. Docket No. 71493-1227	Serial No. 10/792,127
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant Wen Tong et al	
	Filing Date March 4, 2004	Group 2681

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL.DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

	AA		Love, David J. et al.; LIMITED FEEDBACK PRECODING FOR SPATIAL MULTIPLEXING SYSTEMS USING LINEAR RECEIVERS; 2003 Military Communications Conference; Milcom 2003, Boston, MA, October 13-16, 2003. Pgs 627-632.
	AB		Windpassinger, C.; PRECODING AND LOADING FOR BLAST-LIKE SYSTEMS; 2003 IEEE International Conference on Communications, Anchorage, AK, May 11-15, 2003, pgs. 3061-3065.
	AC		Lebrun, G. et al; MIMO TRANSMISSION OVER A TIME-VARYING CHANNEL USING SVD; GLOBECOM'02, 2002-IEEE Global Telecommunications Conference, Conference Proceedings, Taipei, Taiwan, November 17-21, 2002; pgs. 414-418.
	AD		Sampath, H. et al.; JOINT TRANSMIT AND RECEIVE OPTIMIZATION FOR HIGH DATA RATE WIRELESS COMMUNICATION USING MULTIPLE ANTENNAS; Signals, Systems, and Computers, 1999, Conference Record of the Thirty-Third Asilomar Conference on October 24-27, 1999, Piscataway, NJ, IEEE, pgs. 215-219.
	AE		Flikkema, Paul G.; SPACE-TIME ZERO-FORCING PRE-EQUALIZATION FOR SYNCHRONOUS DISPERSIVE MULTI-USER CHANNELS; 5th International Symposium on Wireless Personal Multimedia Communications Proceedings; vol. 3, 27 October 2002, pgs. 1333-1336.
	AF		Sampath, Hemanth; LINEAR PRECODING AND DECODING FOR MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) WIRELESS CHANNELS; April 2001; pgs. 1-177.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.